

C.I.P.S.

MODELE MATHEMATIQUE

DE LA MER DU NORD

TECHNICAL REPORT

1975/04 : OCEANOGRAPHIE 03

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MESURE E LA SALINITE

Croisière côtière du 22 au 25 Avril 1975

LABO de Chimie de la MER - FORCE NAVALE

<u>POINTS</u>	<u>DATE</u>	<u>HEURE</u>	<u>POSITION</u>		<u>PROFONDEUR</u>	<u>SALINITE</u>	<u>BATEAU</u>
982			51°03'53"5 N 2°17'15" E				
2			51°05'20"	2°15'			
1012			51°06'46"5	2°12'45"			
980			51°04'15"	2°26'15"			
51			51°05'42"	2°24'40"			
1010			51°06'20"	2°21'45"			
1	230475	12.15	51°06'15"	2°32'40"	0 m	33.20532	MSI
1008	"	12.05	51°07'10"	2°31'	"	33.29292	
1022	"	11.30	51°08'13"	2°28'30"	"	33.52818	
1006b	"	12.47	51°08'21"	2°38'40"	"	33.16718	
1020b	"	12.35	51°08'56"	2°36'18"	"	33.17000	
1036b	"	11.10	51°10'22"5	2°34'18"	"	33.52890	
1034	"	13.20	51°10'	2°44'20"	0 m	32.53064	
"		13.35			5 m	32.59750	
1050	"	13.45	51°11'06"	2°42'04"	0 m	33.09392	
1067	"	10.45	51°12'32"5	2°39'48"	"	33.00626	
1048b	"	14.35	51°12'20"	2°50'14"	0 m	32.41789	
"	"	14.30			3 m	32.33601	
1065b	"	14.10	51°13'07"	2°47'57"	0 m	33.09342	
1081b	"	10.15	51°14'33"5	2°45'41"5	"	32.64462	
IE	"	15.00	51°14'30"	2°54'50"	0 m	30.64596	
"	"	15.10			5 m	31.50090	
1079b	240475	10.00	51°14'35"	2°55'25"	0 m	27.94708	
"	"	10.07			4 m	27.80034	
1097	"	10.20	51°15'25"5	2°53'24"	0 m	28.13527	
1115	"	10.30	51°16'52"	2°51'08"	"	29.13466	
IF			51°15'30"	2°56'50"			
1112a	"	11.30	51°16'40"	3°00'30"	0 m	27.70725	
"	"	11.45			5 m	27.61325	
1113b	"	11.20	51°17'35"	2°59'07"	0 m	27.03157	
1133b	"	11.05	51°19'01"5	2°56'51"	"	28.80053	

IG	240475	11.50	51°18'40"	3°04'30"	0 m	28.01664
IH	"	12.00	51°19'10"	3°06'	0 m	27.93412
"	"	12.15			4 m	27.89563
1149b	"	13.00	51°20'02"	3°04'16"	0 m	28.11232
1169b	"	13.15	51°21'28"	3°02'	0 m	29.09520
II			51°20'30"	3°10'30"		
1188	250475	9.45	51°22'38"	3°09'15"	0 m	29.92667
"	"	10.15			0 m	28.75043
1211			51°24'04"5	3°07'		
IJ	"	10.30	51°21'	3°12'40"	0 m	27.32958
"	"	10.30			5 m	27.37294
IK	"	10.35	51°21'	3°13'50"	0 m	27.36768
IL	"	11.00	51°21'50"	3°17'10"	0 m	27.75452
"	"	11.00			"	27.63102
"	"	11.00			4,5 m	27.59931
1185b	"	11.45	51°23'02"	3°22'56"	0 m	27.37528
"	"	11.45			4,5 m	27.36870
1208	"	11.35	51°24'04"5	3°21'02"	0 m	26.86306
1231	"	11.25	51°25'31"	3°18'41"	0 m	29.47709
1250b	"	12.15	51°27'17"	3°31'33"	"	29.656151
5	"	12.25	51°28'25"	3°28'07"	"	31.24609
1283	"	12.40	51°29'49"	3°25'45"	"	30.64504

Campagne "Brise-lames" du 16 Avril 1975

134	160475	13.00	51°09'18"	2°42'53"	Surface	30.16694
141	"	12.15	51°12'05"	2°50'37"	"	30.14519
212	"	11.15	51°16'50"	2°01'57"	"	28.38152
258	"	10.20	51°19'44"	3°11'20"	"	27.05103
272	"	09.40	51°20'20"	3°14'10"	"	26.97710
286	"	9.10	51°21'10"	3°17'17"	"	27.53928

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MESURE DE LA SALINITE

Croisière Estuaire du 15 au 18 Avril 1975
LABO de Chimie DER-FORCE NAVALE

N° échant.	DATE	HEURE	POSITION	PROFONDEUR	SALINITE	BATEAU
H1	150475	11.40	51°26'00" N 3°34'45" E	Surface	23.34296	HASSELT
H 2	"	11.52	51°27'10" 3°32'08"	"	27.81872	"
H 3	"	12.04	51°28'45" 3°30'11"	"	29.45615	"
H 4	"	12.15	51°30'10" 3°27'53"	"	30.25646	"
H5	"	12.27	51°31'32" 3°25'51"	"	30.80502	"
H 6	"	12.37	51°33'27" 3°24'55"	"	30.84834	"
H 7	"	12.47	51°35'19" 3°23'41"	"	31.00033	"
H 8	"	12.55	51°36'20" 3°21'50"	"	31.51185	"
H 9	"	13.07	51°34'55" 3°19'33"	"	30.50938	"
H10	"	13.13	51°33'30" 3°17'15"	"	30.23206	"
H11	"	13.22	51°32'03" 3°14'57"	"	30.60489	"
H12	"	13.31	51°30'38" 3°12'42"	"	30.92326	"
H13	"	13.40	51°29'20" 3°10'40"	"	29.85172	"
H14	"	13.49	51°27'55" 3°08'24"	"	30.72386	"
H15	"	13.58	51°26'28" 3°06'05"	"	30.54937	"
H16	"	14.09	51°25'06" 3°03'51"	"	30.29917	"
H17	"	14.18	51°23'40" 3°01'32"	"	29.03272	"
H18	"	14.29	51°22'15" 2°59'47"	"	28.73215	"
H19	"	14.40	51°20'47" 2°57'03"	"	29.16780	"
H20	"	14.51	51°19'27" 2°54'45"	"	29.40511	"
K 1	"	11.35	51°26'00" N 3°34'45" E	Surface	24.41501	KORTRIJK
K 2	"	11.50	51°25'25" 3°31'20"	"	24.42193	"
K 3	"	12.06	51°24'45" 3°28'00"	"	25.05085	"
K 4	"	12.16	51°24'25" 3°24'45"	"	26.18705	"
K 5	"	12.28	51°24'20" 3°21'20"	"	26.42709	"
K 6	"	12.37	" 3°17'55"	"	27.08541	"
K 7	"	12.49	" 3°14'30"	"	28.46755	"
K 8	"	13.01	" 3°11'10"	"	28.50387	"
K 9	"	13.17	" 3°07'50"	"	28.96346	"
K10	"	13.28	" 3°04'15"	"	29.49936	"
K11	"	13.39	" 3°00'55"	"	29.84612	"
K12	"	13.49	" 2°57'30"	"	30.04240	"
K13	"	14.00	" 2°54'10"	"	29.96227	"

K14	"	14.16	51°23'35"	N 2°50'45"	E Surface	31.29958	"
K15	"	14.26	51°22'50"	2°47'30"	"	31.92060	"
K16	"	14.37	51°21'50"	2°46'50"	"	31.51749	"
K17	"	14.49	51°20'05"	2°48'50"	"	30.43235	"
K18	"	15.00	51°18'30"	2°50'35"	"	30.01199	"
K19	"	15.12	51°16'35"	2°52'45"	"	31.02230	"
K20	"	15.22	51°14'45"	2°54'45"	"	30.92168	"

1 S 160475		9.59	51°22'	N 2°55'	E Surface	30.29364	HASSELT
2 S	"	10.09	"	2°58'	"	29.64536	"
3 S	"	10.21	"	3°01'	"	28.54411	"
4 S	"	10.33	"	3°04'	"	28.58770	"
5 S	"	10.45	"	3°07'	"	28.22154	"
6 S	"	11.01	51°24'30"	3°07'	"	28.84994	"
7 S	"	11.09	"	3°04'	"	28.99391	"
8 S	"	11.17	"	3°01'	"	28.86398	"
9 S	"	11.26	"	2°58'	"	29.27290	"
10 S	"	11.35	"	2°55'	"	29.98644	"
11 S	"	9.41	51°27'	2°55'	"	31.09417	KORTRIJK
12 S	"	9.52	"	2°58'	"	30.41216	"
13 S	"	10.08	"	3°01'	"	30.34246	"
14 S	"	10.13	"	3°04'	"	29.7966	"
15 S	"	10.26	"	3°07'	"	29.28820	"
16 S	"	10.47	51°29'30"	3°07'	"	30.42369	"
17 S	"	10.57	"	3°04'	"	30.32501	"
18 S	"	11.06	"	3°01'	"	30.70260	"
19 S	"	11.17	"	2°58'	"	30.91991	"
20 S	"	11.26	"	2°55'	"	31.12237	"

SCHEUR	"	11.30	51°24'30"	3°10'30"	"	28.54815	MECHELEN	T ^e eau
"8"	"	12.30	"	"	"	28.94587	"	6°4
		13.30	"	"	"	29.30722	"	6°3
		14.30	"	"	"	30.04459	"	6°4
		15.30	"	"	"	30.36789	"	6°5
Changement de	-	16.30	"	"	"	30.45512	"	"
la marée		17.30	"	"	"	29.92436	"	"
		18.30	"	"	"	29.57728	"	6°3
		19.30	"	"	"	29.45820	"	6°5
		20.30	"	"	"	28.90109	"	6°3
		21.30	"	"	"	28.92347	"	6°4
Changement de	-	22.30	"	"	"	28.57612	"	"
la marée		23.30	"	"	"	28.57459	"	"

1 N 170475	9.00	51°34'30" N	3°16' E	Surface	30.97566	HASSELT
2 N "	9.12	"	3°19'30"	"	30.80642	"
3 N "	9.24	"	3°23'	"	30.64467	"
4 N "	9.36	"	3°26'30"	"	31.13137	"
5 N "	9.47	"	3°30'	"	30.74961	"
6 N "	10.15	51°37'30"	3°30'	"	31.54183	"
7 N "	10.25	"	3°26'30"	"	31.20208	"
8 N "	10.35	"	3°23'	"	30.77283	"
9 N "	10.45	"	3°19'30"	"	31.20823	"
10 N "	10.55	"	3°16'	"	31.10955	"
11 N "	8.52	51°40'	3°16'	"	31.45096	KORTRIJK
12 N "	9.03	"	3°19'30"	"	31.24119	"
13 N "	9.12	"	3°23'	"	31.23069	"
14 N "	9.25	"	3°26'30"	"	31.38198	"
15 N "	9.35	51°41'30"	3°28'18"	"	31.44940	"
16 N "	9.45	51°43'	3°30'	"	31.64640	"
17 N "	9.55	"	3°26'30"	"	31.34620	"
18 N "	10.05	"	3°23'	"	31.11459	"
19 N "	10.15	"	3°19'30"	"	31.18315	"
20 N "	10.25	"	3°16'	"	31.57344	"

OG1A 170475	8.00	51°31'10" N	3°25'40" E	"	29.3834	MECHSELN	T ^e eau 6°4
	9.00	"	"	"	29.45512	"	6°5
	10.00	"	"	"	29.45272	"	"
	11.00	"	"	"	29.00604	"	"
Changement de la marée	-11.30	"	"	"	29.21972	"	"
	12.00	"	"	"	29.80492	"	"
	13.00	"	"	"	30.47923	"	"
	14.00	"	"	"	30.92949	"	6°4
	15.00	"	"	"	31.07348	"	6°5
	16.00	"	"	"	30.87818	"	"
	17.00	"	"	"	30.19185	"	"
Changement de la marée	- 17.30	"	"	"	30.09333	"	"
	18.00	"	"	"	29.97353	"	"
	19.00	"	"	"	30.30228	"	6°4
	20.00	"	"	"	29.68810	"	6°5
	21.00	"	"	"	29.29334	"	6°6

K21	180475	8.55	51°26'00" N	3°34'45" E	Surface	24.74225	KORTRIJK
K22	"	9.01	51°25'41"	3°32'11"	"	25.27460	"
K23	"	9.08	51°25'21"	3°29'37"	"	27.21180	"
K24	"	9.15	51°25'02"	3°27'06"	"	27.16986	"
K25	"	9.23	51°24'46"	3°24'35"	"	27.51232	"
K26	"	9.32	51°24'33"	3°22'00"	"	28.18686	"
K27	"	9.41	51°24'31"	3°19'26"	"	28.04607	"
K28	"	9.48	51°24'43"	3°16'54"	"	28.65485	"
K29	"	9.57	51°24'45"	3°14'20"	"	28.80319	"
K30	"	10.06	51°24'31"	3°11'49"	"	28.11662	"
K31	"	10.13	51°24'19"	3°09'16"	"	28.36108	"
K32	"	10.22	51°24'12"	3°06'40"	"	28.48954	"
K33	"	10.31	51°24'13"	3°04'05"	"	28.78945	"
K34	"	10.39	51°24'12"	3°01'28"	"	29.67010	"
K35	"	10.48	51°24'13"	2°58'57"	"	30.39055	"
K36	"	10.56	51°24'14"	2°56'15"	"		"
K37	"	11.05	51°24'12"	2°53'33"	"	31.53001	"
K38	"	11.14	51°23'39"	2°51'01"	"	31.95334	"
K39	"	11.23	51°23'05"	2°48'30"	"	32.16999	"
K40	"	11.31	51°22'30"	2°46'00"	"	32.19971	"

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MESURE DE LA SALINITE

Croisière en Mer du Nord - 03 au 05 MAR 75

LABO de CHIMIE DER FORCE NAVALE

<u>POINT</u>	<u>DATE</u>	<u>HEURE</u>	<u>PROFONDEUR</u>	<u>SALINITE</u>	
5	050375	.	0 m	30.27186	MSI
		.	4	30.80655	
		.	8,5	31.26562	
6	"	.	0	32.00231	
		.	7	32.00440	
		.	14	32.05864	
8	040375	.	S	34.22214	
		.	M	34.21203	
		.	F	34.19353	
9	"	.	0	34.73226	
		.	13	34.78712	
		.	27	34.72387	
10	"	.	0	34.87344	
		.	20	34.91713	
		.	40	34.93205	
51	030375	.	0	34.11598	
		.	8	34.12965	
		.	16	34.17854	
52	"	.	S	33.98602	
		.	F	33.91998	
55	050375	.	0	32.19073	
		.	11	32.33145	
		.	22	32.30165	
1068	030375	.	S	33.94193	
		.	M	33.92159	
		.	F	33.94193	

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Technical Report

1975/4 : Océanographie 01

<u>Point</u>	<u>Date</u>	<u>Heure</u>	<u>Profondeur</u>	<u>Salinité</u>
1154	070475	11.10	0m	31.78460
	"	"	12,5 m	31.81014
	"	"	25, m	28.07248